

NOVEMBER 2022

ANNOUNCING THE 2023 PILOT & FEASIBILITY AWARD CYCLE

We are thrilled to announce our 2023 Pilot & Feasibility Award Cycle. The Colorado DRC P&F Program funds diabetes researchers distributed across spectrum of basic science, translational, clinical and health disparities research who investigate T1D, T2D, and/or diabetes complications and is a key element in recruiting and training promising diabetes research scientists. Applications will be considered from both junior and established investigators.

All details for this award can be found by clicking [here](#)



Diabetes Research Center

UNIVERSITY OF COLORADO **ANSCHUTZ MEDICAL CAMPUS**

2020 PILOT & FEASIBILITY AWARDEE: LESSONS & TRIUMPHS - DR. CLYDE WRIGHT



How did the P&F award help your research?

The P&F award was critically important for extending the reach of my current research program. I am a neonatologist, and I am broadly interested in the unique aspects of perinatal innate immune signaling and how they contribute to various morbidities encountered after preterm birth. We have studied many of these pathways in multiple organs, and we were curious to know whether some of these same pathways were active in B(beta)-cells. Without the support of the P&F we never would have been compelled to extend our research in this way. I will always be indebted to the Center for investing in me and these ideas.

Do you believe this award helped develop you professionally? If so, how?

The award was instrumental to my development in multiple ways. First, it was wonderful to have support to test a completely new hypothesis. The financial support was huge, but as important was the support of the Center and the investment in these ideas. Support for a new project brings an energy and excitement to lab that cannot be underestimated. Second, it helped me develop collaborations on campus by exposing me to the research others in the Center are currently doing, and through exposing our work to them. Finally, work in this area allowed me establish collaborations outside the institution and I am now a co-I on a funded R01 looking at innate immune signaling in the IUGR B(beta)-cell. In my mind, these are career defining moments.

What advice would you give to yourself in April 2020, when you first received this award? And/or What were the major lessons you learned in the last 2 years?

I would say that sometimes in science, things are more similar than they are different, and looking for common themes and links in disease pathologies can lead to new and fun collaborative efforts!



CONGRATULATIONS MIA SMITH, PHD - HELMSLEY AWARD RECIPIENT

"Mapping the B cell heterogeneity in type 1 diabetes at the single-cell level"

This award will support Dr. Smith's research for 3 years and is supported by The Leona M. and Harry B. Helmsley Charitable Trust



CONGRATULATIONS JORDAN JACOBELLI, PHD - NIH R01 AWARD RECIPIENT

"Mechanisms of regulation of lymphocyte migration by actin cytoskeletal effectors"

This award will support Dr. Jacobelli's Research for 5 years and is funded by the National Institute of Allergy and Infectious Diseases Research.



CONGRATULATIONS LORI SUSSEL, PHD - HIRN CATALYST AWARD RECIPIENT

"Lactate-mediated Metabolic Reprogramming of Beta Cells in T1D Contributes to their Enhanced Plasticity and Dedifferentiation"

Dr. Sussel was awarded the HIRN internally funded "Catalyst" initiative. The goal of this initiative was to support investigators developing bold, innovative, and challenging projects that will catalyze the field and provide important advances in topics of interest to the network. To be considered "catalyzing", the proposed research must address significant and currently intractable problems by employing approaches or ideas that are currently outside the mainstream of contemporary research.





Diabetes Research Center
UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS



RESEARCH IN PROGRESS SEMINAR SERIES

FALL 2022

*Mondays at 12:00pm
BDC Main Conference Room 2104*

Monday, September 12, 2022	Prashanth Francis, MD PhD
Monday, September 19, 2022	Dylan Sarbaugh
Monday, September 26, 2022	Mia Smith, PhD
Monday, October 3, 2022	James Scott-Browne, PhD
Monday, October 10, 2022	Yan Li, PhD (Guest Speaker)
Monday, October 17, 2022	Srividhya Iyer, PhD
Monday, October 24, 2022	Jordan Jacobelli, PhD
Monday, October 31, 2022	Laurel Messer, PhD
Monday, November 7, 2022	Kalie Tommerdahl, MD
Monday, November 14, 2022	Roberto Castro-Gutierrez
Monday, November 21, 2022	Thanksgiving Break
Monday, November 28, 2022	City of Hope Diabetes Research Symposium
Monday, December 5, 2022	Rachel Friedman, PhD
Monday, December 12, 2022	Yong Kim, PhD
Monday, December 19, 2022	Holiday Break
Monday, December 26, 2022	Holiday Break

Questions? Contact Lisbel Woods at Lisbel.Woods@CUAnschutz.edu

DRC SPEAKER SERIES ANNOUNCED FOR 2022-2023 ACADEMIC YEAR, PLEASE JOIN US!

All seminars will take place in the Shore Family Auditorium unless otherwise noted in green.

2022-2023 DRC Diabetes Speaker Series
Barbara Davis Center for Diabetes Series Roster

*Seminars will take place in person on Fridays at 12pm MT
 All seminars will have a link provided for registration.*

For administrative assistance: Christy Vasey, christy.vasey@cuanschutz.edu, 303-724-9787

Friday, September 9, 2022 <i>Fulginiti Pavilion</i>	Bethany Cummings, DVM, PhD Associate Professor	Department of Surgery UC Davis
Friday, September 23, 2022	Dirk Homann, MD Professor	Icahn School of Medicine Mount Sinai
Friday, October 7, 2022	Sarah Lessard, MSc, PhD Assistant Professor	Joslin Diabetes Harvard Medical School
Friday, October 21, 2022	Marissa Brissova, PhD Research Professor of Medicine	Director, Islet Procurement and Analysis Core Director, Human Islet Phenotyping Program of iIDP Vanderbilt University
Friday, November 4, 2022	Rachel Bonami, PhD Assistant Professor of Medicine	Division of Rheumatology and Immunology Pathology, Microbiology, and Immunology Vanderbilt University Medical Center
Friday, November 18, 2022	Matthew L. Bettini, PhD Associate Professor	Department of Pathology Division of Microbiology and Immunology University of Utah
Friday, December 2, 2022 <i>Fulginiti Pavilion</i>	TBD	
Friday, January 6, 2023	Leonardo M.R. Ferreira, PhD Assistant Professor	Microbiology and Immunology Regenerative Medicine and Cell Biology Medical University of South Carolina
Friday, January 20, 2023	Rebecca L. Hull, PhD Research Professor	Director, Cellular and Molecular Imaging Core Division of Metabolism, Endocrinology and Nutrition University of Washington
Friday, February 3, 2023	TBD	
Friday, February 17, 2023	Todd Brusko, PhD Professor	Department of Pathology, Immunology and Laboratory Medicine University of Florida Diabetes Institute (UFDI).
Friday, March 3, 2023	Hubert M. Tse, PhD Professor	Comprehensive Diabetes Center Heersink School of Medicine University of Alabama at Birmingham
Friday, March 17, 2023	BDC Diabetes Day Symposium Keynote Speaker: Mark Atkinson, PhD Professor	Director, UF Diabetes Institute Departments of Pathology and Pediatrics University of Florida
Friday, March 31, 2023	Megan Levings, PhD Professor	Department of Surgery Lead, Childhood Diseases BC Children's Hospital Research Institute
Friday, April 14, 2023	Samuel Klein, MD Professor	Chief, Division of Geriatrics and Nutritional Science Washington School of Medicine in St. Louis
Friday, April 28, 2023	Joana Almada, PhD Research Assistant Professor	University of Miami Miller School of Medicine
Friday, May 12, 2023	Denise Feig, MD MSc, FRCP Professor	Obstetrics & Gynecology, and Health Policy, Management & Evaluation Head, Diabetes & Endocrinology in Pregnancy Program Mt Sinai Hospital, Toronto, Canada

JOB POSTINGS



Barbara Davis Center for Diabetes
 UNIVERSITY OF COLORADO **ANSCHUTZ MEDICAL CAMPUS**

WE ARE HIRING!

The Barbara Davis Center for Diabetes has posted an Assistant or Associate Professor (Open Rank) Tenure Track Position. This faculty member will report to the Director of the BDC Basic and Translational research division, Dr. Lori Sussel.

Please click [here](#) for more information and to apply.

UC San Diego
 School of Medicine

Assistant Professor - Chancellor's Joint Initiative: Pharmacology/Chemistry & Biochemistry

The focus of this search is in the broad areas of Metabolism, Mitochondria, and Human Diseases. Successful candidates will be expected to have a strong record of research accomplishments and funding and an innovative plan for their future research.

Click [Here](#) to see the full job description & posting



National Institute of Diabetes and Digestive and Kidney Diseases

The NIDDK currently has two open positions for **Program Directors** in the Division of Diabetes, Endocrinology and Metabolic Diseases (DDEMD) at NIDDK. One is for Diabetes Clinical and Translational Research and the other for Diabetes Clinical Research.

Click [Here](#) to read more about the Program Director for Diabetes Clinical & Translational research

Click [Here](#) to read more about the Program Director for Diabetes Clinical Research

OPPORTUNITIES FOR FUNDING

ADA Now Accepting Research Applications for their Fall 2022 Grant Cycle



The American Diabetes Association® (ADA) is excited to launch three new research opportunities for our [Fall 2022 Cycle](#). These requests for applications (RFAs) aim to fund innovative inquiries and usher in the next generation of scientific breakthroughs.

[Supporting the Psychological and Emotional Needs of People with Diabetes](#) – solicits proposals to fund translational research to more effectively deliver personalized, patient-centered psychological and emotional care that considers the context of the person with diabetes, as well as their individual values and preferences. Research areas may include but are not limited to strategies for improving patient communications and interactions, problem identification, psychosocial screening, diagnostic evaluation, intervention, and intervention scalability. For the purposes of this RFA, research proposals focusing on potential physiological and biological underpinnings of psychological conditions are out of scope.

[Tackling the Epidemic of Youth-Onset Type 2 Diabetes](#) - solicits proposals to address key knowledge gaps in youth-onset T2D in order to better understand, prevent, treat, and ultimately induce remission for the rapidly increasing numbers of affected individuals. Applications that focus on disadvantaged lower socioeconomic level families where the burden of disease is greatest are strongly encouraged. Emphasis will be placed on clinical and translational research.

[Improving the Lives of Women with Diabetes across the Lifespan](#) - soliciting proposals for research to better understand clinically important sex and gender differences to optimally inform prevention, diagnosis and treatment strategies for women across the lifespan and the development of sex-specific clinical guidelines where warranted. While this call is broad in scope and encompasses basic through clinical research, significant emphasis will be placed on diabetes clinical research and translation.

Contact Research Programs at grantquestions@diabetes.org with any questions.

Understanding the Pathophysiology and Clinical Course of New-Onset Diabetes Following COVID-19 (U01 Clinical Trial Not Allowed) (RFA-DK-22-016)



This Funding Opportunity Announcement invites multiple Program Director/Principal Investigator (multi-PD/PI) applications to conduct a study to establish a longitudinal cohort of individuals who developed diabetes following SARS-CoV-2 infection to understand the pathophysiology and clinical course post-COVID-19 diabetes. The cohort must include children and adults and reflect the geography and demographics of COVID-19 in the U.S. There must be an appropriate comparator population recruited and followed. The goals are to determine the contribution of: 1) specific pathophysiologic pathways; 2) overall health impact of the pandemic; 3) COVID-19 severity, and 4) COVID-19 treatment upon excess new onset diabetes from SARS-CoV-2 infection and response to diabetes therapy.

Letter of Intent due November 20, 2022

Notice Number: RFA-DK-22-016

Release Date: July 13, 2022

Application Due Date: December 20, 2022

Expiration Date: December 21, 2022

Click [here](#) to access the full RFA



[Click Here to see all current NIH NIDDK RFAs](#)

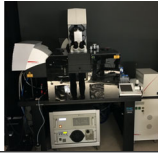


University of Colorado
Anschutz Medical Campus

[Click here to see current CU INTERNAL Limited Submission Funding Opportunities](#)

Have you considered using a DRC core service?

The DRC contains four biomedical cores that provide services and resources to DRC investigators. These cores are designed to facilitate and broaden CU Denver DRC research by expanding access to shared equipment, enhancing availability and training for emerging technologies, and allowing scientists to have greater access to clinical tissue and data.

**Cell and Tissue Analysis**

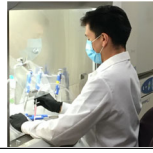
Access to state-of-the-art multi-color confocal microscopy, flow cytometry analysis and cell sorting services, and expert assistance for mass cytometry and ion-beam imaging technologies.

[Learn More about Cell & Tissue Analysis](#)

**Clinical Resources**

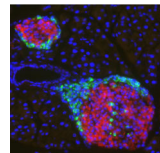
Access to an integrated, campus-wide, research registry enabling informatics-based clinical studies.

[Learn More about our Clinical Resources](#)

**Disease Modeling**

Access and training in stem cell technologies for in vitro human disease modeling of diabetes & molecular core services.

[Learn More about Disease Modeling](#)

**Tissue Procurement & Processing**

Access to islet isolation and transplantation services along with access to commonly used cell lines and diabetes-related histology techniques.

[Learn More about Tissue Procurement & Processing](#)

Want us to feature you or a colleague on an upcoming DRC newsletter? Have an important research update?

[Click Here to Submit a Story to the DRC Monthly Newsletter](#)



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Please remember to acknowledge support from the University of Colorado Diabetes Research Center and our associated cores by referencing NIDDK grant #P30-DK116073 in your presentations and publications.

[Click here to visit the DRC Website](#)

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Please contact Lisbel.Woods@CUAnschutz.edu with any questions or feedback about this newsletter

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